

ROCHE DERMATOLOGICS DIV OF HOF -- FLUMAZENIL

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MSDS Safety Information

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FSC: 6850  
 MSDS Date: 06/01/1994  
 MSDS Num: BZVFT  
 LIIN: 00F049005  
 Product ID: FLUMAZENIL  
 MFN: 01  
 Responsible Party  
 Cage: G0581  
 Name: ROCHE DERMATOLOGICS DIV OF HOFFMANN-LA ROCHE INC  
 Address: 340 KINGSLAND STREET  
 City: NUTLEY NJ 07110-1199  
 Info Phone Number: 800-526-6367  
 Emergency Phone Number: 201-235-6660  
 Preparer's Name: HESHAM M SOLIMAN  
 Review Ind: Y  
 Published: Y

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Preparer Co. when other than Responsible Party Co.

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Cage: G0581  
 Assigned Ind: Y  
 Name: ROCHE DERMATOLOGICS DIV OF HOFFMANN-LA ROCHE INC  
 Address: 340 KINGSLAND STREET  
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Contractor Summary

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Cage: G0581  
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 Address: 340 KINGSLAND STREET  
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Ingredients

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Cas: 78755-81-4  
 RTECS #: NI2922170  
 Name: FLUMAZENIL \*96-2\*  
 % Wt: >98

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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50(RAT): 4200 MG/KG  
 Route Of Entry Inds - Inhalation: YES  
 Skin: NO  
 Ingestion: YES  
 Carcinogenicity Inds - NTP: NO  
 IARC: NO  
 OSHA: NO  
 Effects of Exposure: MAY CAUSE CENTRAL NERVOUS SYSTEM & CARDIOVASCULAR EFFECTS. MATERIAL MAY AFFECT THE DEVELOPING FETUS, FEMALES PLANNING TO HAVE CHILDREN & PREGNANT WOMEN, NURSING MOTHERS SHOULD USE CAUTION REGARDING EX POSURE.  
 Explanation Of Carcinogenicity: NONE  
 Signs And Symptions Of Overexposure: MATERIAL MAY AFFECT THE DEVELOPING FETUS, FEMALES PLANNING TO HAVE CHILDREN, PREGNANT WOMEN & NURSING MOTHERS SHOULD USE CAUTION REGARDING EXPOSURE.  
 First Aid: INHALATION: \*REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. SKIN: WASH W/SOAP & PLENTY OF WATER. EYES: FLUSH W/PLENTY OF WATER. INGESTION: DON'T INDUCE VOMITING, UNLESS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Handling and Disposal

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Spill Release Procedures: SHUT OFF IGNITION SOURCES SAFELY. SCOOP/SHOVEL MATERIAL INTO A SUITABLE LABELED OPEN HEAD DRUM. SECURE THE DRUM COVER & MOVE THE CONTAINER TO A SAFE HOLDING AREA. MOP/FLUSH THE AREA.  
 Waste Disposal Methods: PRODUCT IS SUITABLE FOR INCINERATION. USE, PROCESSING, ALTERATION/CONTAMINATION MAY AFFECT DISPOSAL RECOMMENDATIONS. DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions: STORE AT 59-86F. DON'T HEAT >320F, GENERATE DUST/EXPOSE TO IGNITION SOURCES. GROUND & BOND TRANSFER EQUIPMENT. AVOID IGNITION SOURCES.

Other Precautions: MILLING/MIXING/DRYING, PERFORM IN DEVICES EQUIPPED W/EXPLOSION RELIEF/SUPPRESSION SYSTEMS/UNDER INERT CONDITIONS. AVOID CONTACT W/EYES, SKIN & CLOTHING, BREATHING DUST. USE ADEQUATE VENTILATION. STORE IN COOL, DRY AREA.

#### Fire and Explosion Hazard Information

Extinguishing Media: WATER, CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE, SCBA & FULL PROTECTIVE TURN OUT GEAR. USE WATER TO COOL CONTAINERS.

Unusual Fire/Explosion Hazard: SEVERE DUST EXPLOSION HAZARD. TOXIC & CORROSIVE EMISSIONS MAY BE GIVEN OFF IN A FIRE.

#### Control Measures

Respiratory Protection: NEGATIVE PRESSURE AIR PURIFYING, HALF FACE, TOXIC DUST/MIST/FUME HIGH EFFICIENCY FILTER.

Ventilation: LOCAL VENTILATION. USE IN A LAB HOOD.

Protective Gloves: LATEX, PLASTIC/RUBBER

Eye Protection: SAFETY GLASSES/GOGGLES

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health: HANDLING & STORAGE CONT'D: KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

#### Physical/Chemical Properties

M.P./F.P Text: 388-395.6F

Appearance and Odor: WHITE TO OFF-WHITE POWDER W/NO ODOR.

#### Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: ELEVATED TEMP, WATER, DUST ACCUMULATION, AIRBORNE DUST, IGNITION SOURCES, TEMP >212F.

Hazardous Decomposition Products: CO, CO2, OXIDES OF NITROGEN, HYDROGEN FLUORIDE.

Hazardous Polymerization Indicator: NO

#### Toxicological Information

#### Ecological Information

#### MSDS Transport Information

#### Regulatory Information

#### Other Information

#### HAZCOM Label

Product ID: FLUMAZENIL

Cage: G0581

Assigned IND: Y

Company Name: ROCHE DERMATOLOGICS DIV OF HOFFMANN-LA ROCHE INC

Street: 340 KINGSLAND STREET

City: NUTLEY NJ

Zipcode: 07110-1199

Health Emergency Phone: 201-235-6660

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: MAY CAUSE CENTRAL NERVOUS SYSTEM & CARDIOVASCULAR EFFECTS. MATERIAL MAY AFFECT THE DEVELOPING FETUS, FEMALES PLANNING TO HAVE CHILDREN & PREGNANT WOMEN, NURSING MOTHERS SHOULD USE CAUTION REGARDING

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